En Route Care 2008

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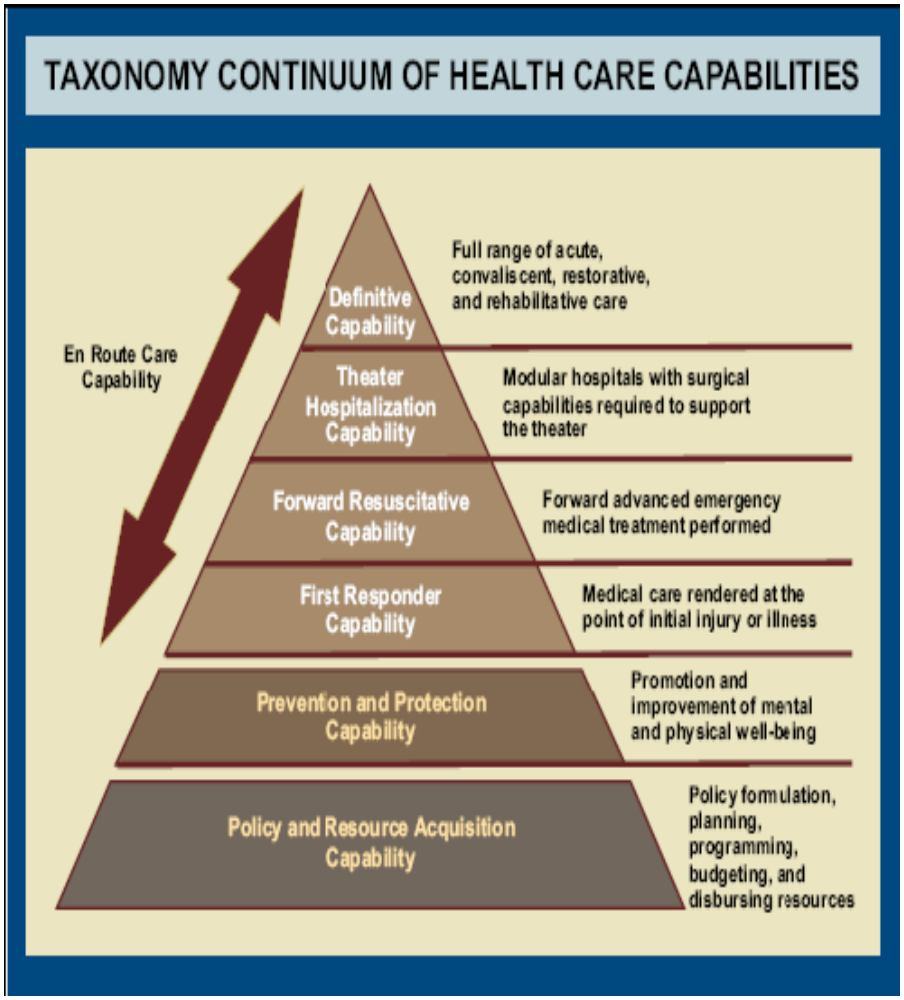
Objectives

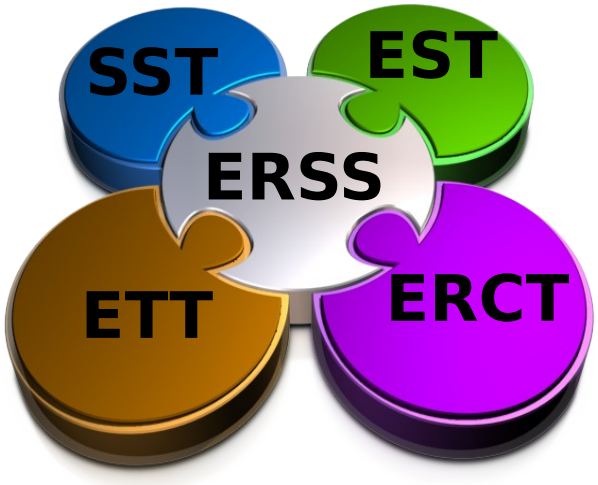
- En Route Care Overview
- Program Development Update
  - OPNAVINST 3130.6E
  - SMT Utilization
  - SMT PQS and Training Syllabus
  - HSC ROC/POE
- Life of an SMT
- Air Ambulance Update

En Route Care

- CFFC Program in Development
- Navy plan for patient transport from point of injury through all capabilities of care
- Multiple aircraft and medical assets
- Includes MEDEVAC/ CASEVAC/ Aeromedical Evacuation



Expeditionary Resuscitative Surgical System



- ERSS Elements:
  - Shipboard Surgical Team (SST)
  - Expeditionary Surgical Team (EST)
  - Expeditionary Trauma Team (ETT)
  - En Route Care Team (ERCT)

Assets

- Air Transport Vehicles
  - H-60
  - H-53
  - H-46 (USMC)
  - V-22
  - C-2 (COD)
  - P-3
  - C-130
- Ground Transport

- Supporting personnel
  - HM (0000/8401/8404)
  - Critical Care Nurse

Applications

- Intra Theater Transfer
  - Air Ambulance
  - Humanitarian Assistance
  - Disaster Relief
  - CSAR
  - MEDEVAC
  - CASEVAC
  - COD
- Inter Theater transfer
  - AIREVAC

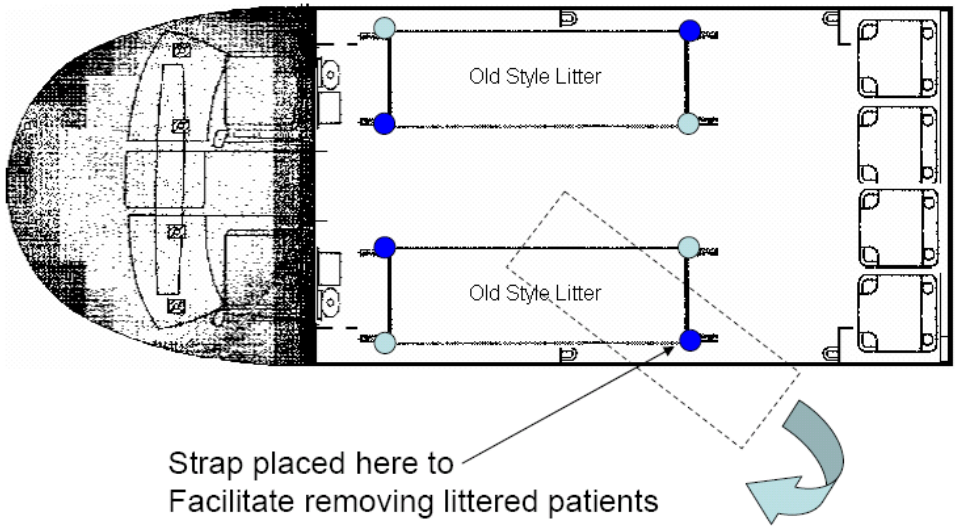
HSC Squadrons

- HSC-CVN (HS)/ HSM(HSL)
  - Wing Flight Surgeons
  - Two HM 8401
  - MH-60
  - Deploy as squadron
- HSC-Expeditionary
  - Flight Surgeon
  - Two HM 8401
  - MH-60
  - Deploy in detachments

HSC Required Operational Capabilities

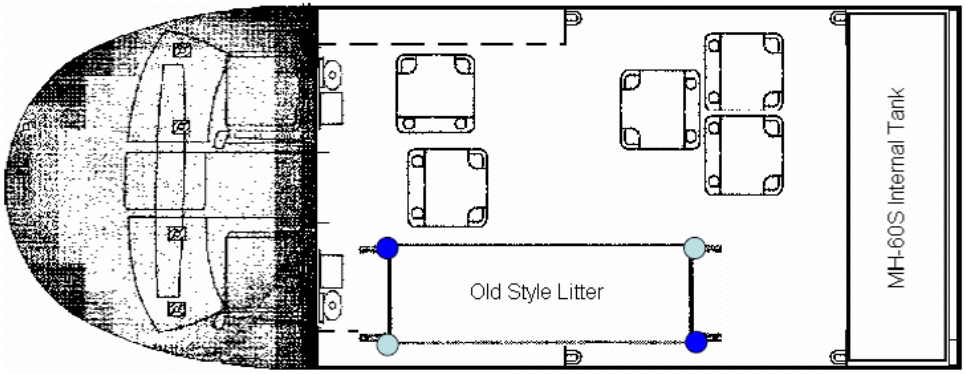
- FSO 14: Provide medical regulation, transport, evacuation, and receipt of casualties
- MOS 2: Provide humanitarian assistance
- MOS 2.4: Provide disaster assistance and evacuation
- NCO 10: Provide emergency/disaster assistance

MH-60S Configuration Options



Primary Configuration

- ✓ **6 litters / 3 crew seats**
- ✓ **No internal aux fuel tank**
- ✓ **MSS harness - located in place of any seat**



Secondary Configuration

- ✓ **3 litters / 3 crew seats / 1 ambulatory**
- ✓ **Internal aux fuel tank**

Progress in 2008

- OPNAVINST 3130.6E
  - Revision 1 under development
- Clarification of SMT Utilization
- Initial Development of HSC SMT PQS and Training Syllabus
- Requested revisions to HSC ROC/POE

OPNAVINST 3130.6E

- Complete revision of Training, Proficiency and Evaluation Requirements for SMT
- Expanded advanced life saving medical skill requirements- ACLS, ITLS, PALS
- EMT is highly encouraged, but not required
- Training Pipeline clarified

3130.6E Revision 1

- Defines Flight Surgeon Involvement
- Increased medical capability of SMT demands physician oversight
- Better prepare FS to act as Medical Director for En Route Care support
- ACLS, ITLS, PALS Instructor Certifications
- First step in development of Navy En Route Care System

SMT Utilization

- Medical Readiness
- Aeromedical Safety
- Flight Requirements
- Advanced Life Saving Skills
- Clinic Duties

- CNAF 6000.3A
  - -50% AVT/ 50% Aircrew
  - -AVT Time
    - - 60% Clinic
    - - 40% Squadron

Flight requirements may supersede 50:50 time allotment, if needed

SMT Training Syllabus and PQS

- HSC-26 spearheaded development on East Coast
- Under review by medical teams at local HSC squadrons and SARMM office
- Establishes standard for basic and advanced SMT training IAW 3130.6
- Includes local aeromedical protocols

Why the Expanding Role?

- Navy Tactical Task List (JUL 07)
  - To provide capabilities for medical regulating, patient evacuation, and appropriate En Route Care from the point of injury/illness throughout the patient care system
- STANAG 3745, Medical Training of Personnel Involved in SAR or CSAR Missions (May 05)
- Increased Naval Presence in Disaster Relief and Humanitarian Assistance

HSC ROC/POE Change Requests

- Modified verbiage to better elucidate role of rotary wing aviation in en route care
- Added HM 8401 requirement to every detachment
- Include one HM 8406 or two additional HM 8401 for support of medical readiness and aeromedical safety at home guard
- Under review at HSCWING/CNAF

Plans for 2009

- Administrative
  - Define En Route Care as Full Operational Capability
  - Develop appropriate doctrine, instructions, manning, and training resources to meet above
  - Solidify FS role in training and supervision of SMT’s
  - Complete PQS and Training Syllabus

Plans for 2009

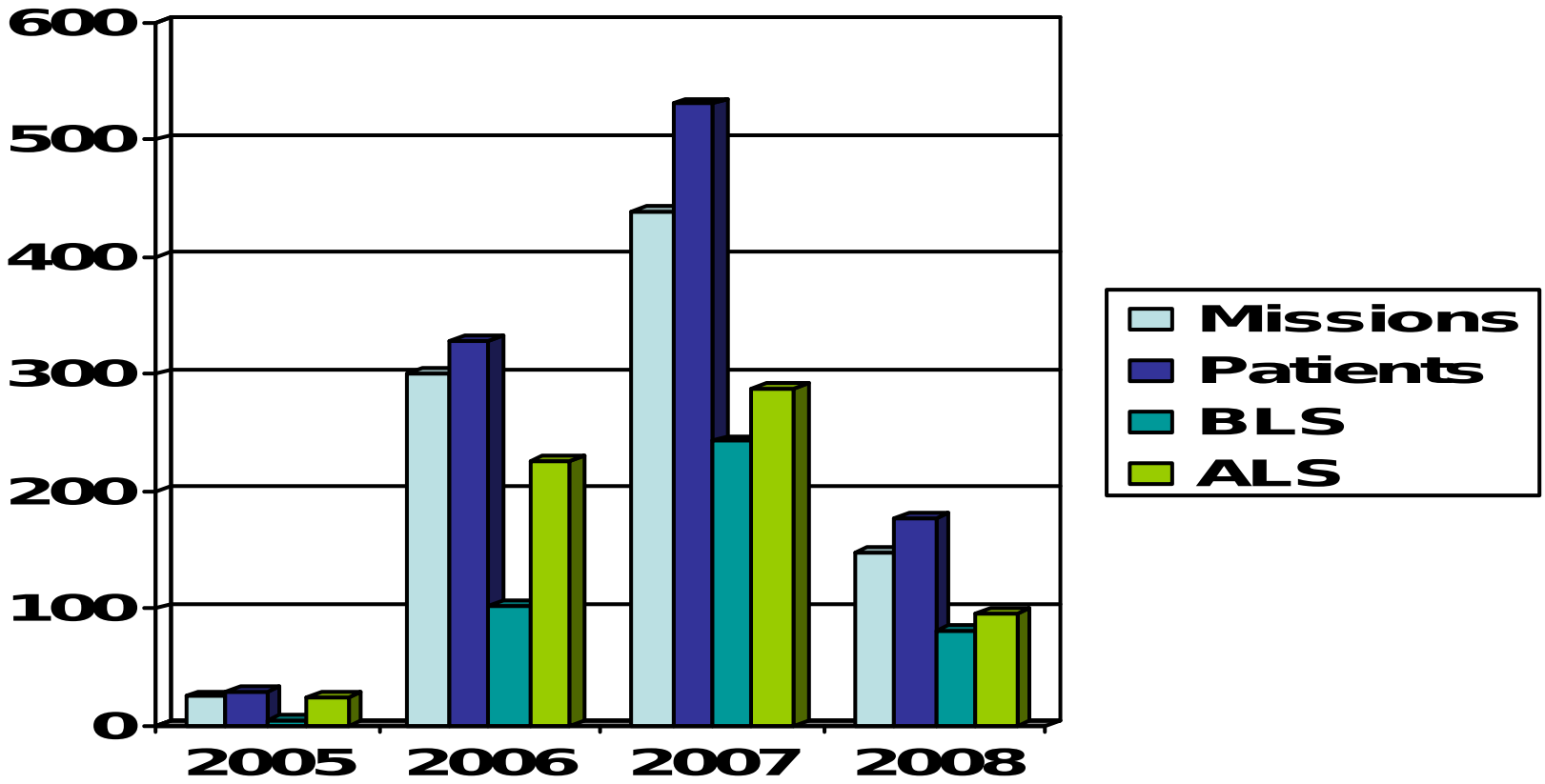
- Manpower
  - Major recruiting effort
  - Increase HM 8401 training pipeline throughput
  - Increase retention incentives
- Equipment
  - Modular Litter Management System
  - Air Certification of ALS Gear

Life of an SMT

- Squadron Time
- Clinic Responsibilities
- Flight Requirements

Air Ambulance

Mission Summary



Critical Elements to Mission Success

- Advanced Life Saving Skills
- Coordination
  - Within the aircraft
  - Between treating facilities
- Platform familiarity
- Communication
- Equipment

Equipment

MOU for NAAD

- Approved by CO,EMF Kuwait and Commander, 2515th NAAD
- EMF Flight Surgeon to direct and supervise the SMTs in their aeromedical duties
- FS shall function as the medical director responsible for the activities of the NAAD personnel within the en route care system

En Route Care Summary

On scene triage, stabilization, and immediate aid

- The Golden Hour
- Advance life support in transit
- Transfer of the patient and critical patient information to next echelon of care
- Coordination between line and medical

References

- JP 4-02.2 Health Services Support in Operational Environment
- NTTP 4-02.2 Patient Movement
- NWP 4-02 Health Services Afloat and Ashore
- MCO P4630.9A Worldwide Aeromedical Evacuation